

CLAIMS

What is claimed is:

1. A blocking apparatus comprising:
a blocking pin;
a work-piece holder having a recess formed therein for receiving a work-piece,
said work-piece holder capable of being engaged by said blocking pin; and
a seat stage having a surface for engaging at least one portion of said work-piece holder, said surface enabling said work-piece holder to flexibly position on said seat stage after said work-piece holder is engaged by said blocking pin.
2. The apparatus of claim 1, wherein said work-piece holder automatically self-aligns on said seat stage after said work-piece holder is engaged by said blocking pin.
3. The apparatus of claim 1, wherein said surface includes a chamber for interfacing with said at least one portion of said work-piece holder.
4. The apparatus of claim 1, wherein said work-piece holder includes an air-space that enable regulating air-pressure inside said work-piece holder.
5. The apparatus of claim 1, wherein said work-piece is an unprocessed lens.
6. The apparatus of claim 1, wherein said block is movable in an axis vertical to said blocking apparatus.

7. The apparatus of claim 1, wherein said work-piece holder is movable in an axis horizontal to said blocking apparatus.

8. The apparatus of claim 1, further comprising a controlling mechanism for controlling a movement of said blocking pin.

9. The apparatus of claim 1, further comprising one or more fastening mechanisms for fastening said work-piece holder on said seat stage.